

1600 0300 OIPE 16318
Errors Corrected by the STIC Systems Branch

Serial Number: 09/682,769B

CRF Processing Date: 2/4/2002
 Edited by: h
 Verified by: h (STIC staff)

ENTERED

RECEIVED
 APR 11 2002
 TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: corrected global misspelling of "artificial"

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95



OIPE

RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/682,769B

TIME: 07:05:58

Input Set : C:\Crf3\Datahold\EFS\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: Monsanto Co
 4 Rangwala, Tasneem
 5 Ye, Minwei
 7 <120> TITLE OF INVENTION: Cotton Event PV-GHGT07(1445) and Compositions and Methods
 for Detection
 8 Thereof
 10 <130> FILE REFERENCE: 38-21(52249)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/682,769B
 C--> 12 <141> CURRENT FILING DATE: 2001-10-17
 12 <150> PRIOR APPLICATION NUMBER: 60/243190
 13 <151> PRIOR FILING DATE: 2000-10-25
 15 <160> NUMBER OF SEQ ID NOS: 12
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 25
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Gossypium hirsutum
 24 <400> SEQUENCE: 1
 25 tgcgatacta ggcttttggt ttctt 25
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 27
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Pisum sativum
 33 <400> SEQUENCE: 2
 34 agttatactc atggatttgt agttgag 27
 37 <210> SEQ ID NO: 3
 38 <211> LENGTH: 24
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Agrobacterium tumefaciens
 42 <400> SEQUENCE: 3
 43 aggcattcttg aacgatagcc ttctc 24
 46 <210> SEQ ID NO: 4
 47 <211> LENGTH: 26
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Gossypium hirsutum
 51 <400> SEQUENCE: 4
 52 aacacctaata acaagtcata cataca 26
 55 <210> SEQ ID NO: 5
 56 <211> LENGTH: 18
 57 <212> TYPE: DNA
 C--> 58 <213> ORGANISM: artificial artificial
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(18)

RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/682,769B

TIME: 07:05:58

Input Set : C:\Crf3\Datahold\EFS\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

```

63 <223> OTHER INFORMATION: artifical DNA sequence, part cotton genome and part transgene
66 <400> SEQUENCE: 5
67 cgattcagat caaacact 18
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 18
72 <212> TYPE: DNA
C--> 73 <213> ORGANISM: artifical
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: (1)..(18)
78 <223> OTHER INFORMATION: artifical DNA sequence, part cotton genome and part transgene
81 <400> SEQUENCE: 6
82 caaatgtcaa tagcttgg 18
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 320
87 <212> TYPE: DNA
C--> 88 <213> ORGANISM: artifical
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(320)
93 <223> OTHER INFORMATION: artifical DNA sequence, part cotton genome and part transgene
96 <400> SEQUENCE: 7
97 ttgcgatact aggccttttgg tttcttttgg ttatgtgata tttggtatta ttttattcaa 60
99 atacgggtggc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcacg 120
101 gagcataaac ttaataaata taattatctt gattggagta agacgattca gatcaaacac 180
103 tgatagttta aactgaaggc gggaaacgac aatctgatcc cagcttgggc tgcaggctga 240
105 ttgatgcatg ttgtcaatca attggcaagt cataaaatgc attaaaaaat attttcatac 300
107 tcaactacaa atccatgagt 320
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 499
112 <212> TYPE: DNA
C--> 113 <213> ORGANISM: artifical
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (1)..(499)
118 <223> OTHER INFORMATION: artifical DNA sequence, part cotton genome and part
transgene
121 <400> SEQUENCE: 8
122 ggcatttcta ggtgccacct tccttttcta ctgtcctttt gatgaagtga caggtaggat 60
124 cggaagcta gcttggctgc catttttggg gtgaggccgt tcgcggccga ggggcgccag 120
126 cccctggggg gatgggaggc ccgcgttagc gggccgggag ggttcgagaa gggggggcac 180
128 ccccttcggc cgtgcgcggt cacgcgcaca gggcgcagcc ctggttaaaa acaaggttta 240
130 taaatatttg tttaaaagca ggttaaaaga caggttagcg gtggccgaaa aacgggcgga 300
132 aacccttgca aatgctggat tttctgcctg tggacagccc ctcaaagtgc aataggtgcg 360
134 cccctcaaat gtcaatagct tggctgagaa atgatgcatg acttttggag atctaaagct 420
136 ttattggcag taaggtaatt gccttggcta accactttta atttggttaa gaattaattg 480
138 tttacttggg attttgtat 499
141 <210> SEQ ID NO: 9
142 <211> LENGTH: 22
143 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datahold\EF5\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

C--> 144 <213> ORGANISM: artificial sequence

146 <220> FEATURE:

147 <221> NAME/KEY: misc_feature

148 <222> LOCATION: (1)..(22)

149 <223> OTHER INFORMATION: synthetic primer sequence

152 <400> SEQUENCE: 9

153 gatccatccc atagggtcga tc

22

156 <210> SEQ ID NO: 10

157 <211> LENGTH: 24

158 <212> TYPE: DNA

C--> 159 <213> ORGANISM: artificial sequence

161 <220> FEATURE:

162 <221> NAME/KEY: misc_feature

163 <222> LOCATION: (1)..(24)

164 <223> OTHER INFORMATION: synthetic primer sequence

167 <400> SEQUENCE: 10

168 ctaagatcga actctccgac acta

24

171 <210> SEQ ID NO: 11

172 <211> LENGTH: 22

173 <212> TYPE: DNA

C--> 174 <213> ORGANISM: artificial sequence

176 <220> FEATURE:

177 <221> NAME/KEY: misc_feature

178 <222> LOCATION: (1)..(22)

179 <223> OTHER INFORMATION: synthetic primer sequence

182 <400> SEQUENCE: 11

183 ccaaggcaat taccttactg cc

22

186 <210> SEQ ID NO: 12

187 <211> LENGTH: 23

188 <212> TYPE: DNA

C--> 189 <213> ORGANISM: artificial sequence

191 <220> FEATURE:

192 <221> NAME/KEY: misc_feature

193 <222> LOCATION: (1)..(23)

194 <223> OTHER INFORMATION: synthetic primer sequence

197 <400> SEQUENCE: 12

198 ttaaaagaca ggtagcggt ggc

23

VERIFICATION SUMMARY

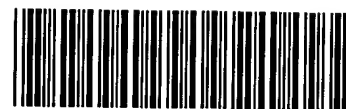
PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:59

Input Set : C:\Crf3\Datahold\EFS\09682769\09682769B\PTO_MS.txt
Output Set: N:\CRF3\02042002\I682769B.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:88 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:113 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:144 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:159 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:174 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:189 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12



OIPE

RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/682,769B

TIME: 09:27:44

Input Set : C:\Crif3\Datahold\EFS\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

```

3 <110> APPLICANT: Monsanto Co
4     Rangwala, Tasneem
5     Ye, Minwei
7 <120> TITLE OF INVENTION: Cotton Event PV-GHGT07(1445) and Compositions and Methods
for Detection
8     Thereof
10 <130> FILE REFERENCE: 38-21(52249)
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/682,769B
C--> 12 <141> CURRENT FILING DATE: 2001-10-17
12 <150> PRIOR APPLICATION NUMBER: 60/243190
13 <151> PRIOR FILING DATE: 2000-10-25
15 <160> NUMBER OF SEQ ID NOS: 12
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 25
21 <212> TYPE: DNA
22 <213> ORGANISM: Gossypium hirsutum
24 <400> SEQUENCE: 1
25 tgcgatacta ggcttttggt ttctt
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 27
30 <212> TYPE: DNA
31 <213> ORGANISM: Pisum sativum
33 <400> SEQUENCE: 2
34 agttatactc atggatttgt agttgag
37 <210> SEQ ID NO: 3
38 <211> LENGTH: 24
39 <212> TYPE: DNA
40 <213> ORGANISM: Agrobacterium tumefaciens
42 <400> SEQUENCE: 3
43 aggcattcttg aacgatagcc ttct
46 <210> SEQ ID NO: 4
47 <211> LENGTH: 26
48 <212> TYPE: DNA
49 <213> ORGANISM: Gossypium hirsutum
51 <400> SEQUENCE: 4
52 aacacctaata acaagtcata cataca
55 <210> SEQ ID NO: 5
56 <211> LENGTH: 18
57 <212> TYPE: DNA
C--> 58 <213> ORGANISM: artificial
60 <220> FEATURE:
61 <221> NAME/KEY: misc_feature
62 <222> LOCATION: (1)..(18)

```

RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/682,769B

TIME: 09:27:44

Input Set : C:\Crif3\Datahold\EFS\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

```

63 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part
transgene
66 <400> SEQUENCE: 5
67 cgattcagat caaacact                                     18
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 18
72 <212> TYPE: DNA
C--> 73 <213> ORGANISM: artificial
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: (1)..(18)
78 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part
transgene
81 <400> SEQUENCE: 6
82 caaatgtcaa tagcttgg                                     18
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 320
87 <212> TYPE: DNA
C--> 88 <213> ORGANISM: artificial
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(320)
93 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part
transgene
96 <400> SEQUENCE: 7
97 ttgcgatact aggccttttgg tttcttttgg ttatgtgata tttggtatta ttttattcaa      60
99 atacgggtggc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcacg      120
101 gagcataaac ttaataaata taattatctt gattggagta agacgattca gatcaaacac      180
103 tgatagttta aactgaaggc gggaaacgac aatctgatcc cagcttgggc tgcaggtcga      240
105 ttgatgcatt ttgtcaatca attggcaagt cataaaatgc attaaaaaat attttcatac      300
107 tcaactacaa atccatgagt                                     320
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 499
112 <212> TYPE: DNA
C--> 113 <213> ORGANISM: artificial
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (1)..(499)
118 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part
transgene
121 <400> SEQUENCE: 8
122 ggcatttgta ggtgccacct tcctttttota ctgtcctttt gatgaagtga caggtaggat      60
124 cggaaagcta gcttggctgc catttttggg gtgaggccgt tcgcggccga ggggcgccag      120
126 cccttggggg gatgggaggc ccgcgttagc gggccgggag ggttcgagaa gggggggcac      180
128 ccccttcggt cgtgcgcggt cagcgcgaca gggcgcagcc ctggttaaaa acaaggttta      240
130 taaatattgg tttaaaagca ggttaaaaga caggtttagc gtggccgaaa aacgggcgga      300
132 aacccttgca aatgctggat tttctgcctg tggacagccc ctcaaagtgc aataggtgct      360
134 cccctcaaat gtcaatagct tggctgagaa atgatgcatt acttttggag atctaaagct      420
136 ttattggcag taaggtaatt gccttgggta accactttaa atttggttaa gaattaattg      480
138 tttacttgga attttgtat                                     499
141 <210> SEQ ID NO: 9
142 <211> LENGTH: 22
143 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/682,769B

TIME: 09:27:44

Input Set : C:\Crf3\Datahold\EFS\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

144 <213> ORGANISM: artificial sequence
146 <220> FEATURE:
147 <221> NAME/KEY: misc_feature
148 <222> LOCATION: (1)..(22)
149 <223> OTHER INFORMATION: synthetic primer sequence
152 <400> SEQUENCE: 9
153 gatccatccc atagggtcga tc 22
156 <210> SEQ ID NO: 10
157 <211> LENGTH: 24
158 <212> TYPE: DNA
159 <213> ORGANISM: artificial sequence
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)..(24)
164 <223> OTHER INFORMATION: synthetic primer sequence
167 <400> SEQUENCE: 10
168 ctaagatcga actctccgac acta 24
171 <210> SEQ ID NO: 11
172 <211> LENGTH: 22
173 <212> TYPE: DNA
174 <213> ORGANISM: artificial sequence
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (1)..(22)
179 <223> OTHER INFORMATION: synthetic primer sequence
182 <400> SEQUENCE: 11
183 ccaaggcaat taccttactg cc 22
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 23
188 <212> TYPE: DNA
189 <213> ORGANISM: artificial sequence
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (1)..(23)
194 <223> OTHER INFORMATION: synthetic primer sequence
197 <400> SEQUENCE: 12
198 ttaaaagaca ggtagcggg ggc 23

VERIFICATION SUMMARY

DATE: 02/04/2002

PATENT APPLICATION: US/09/682,769B

TIME: 09:27:45

Input Set : C:\Crf3\Datahold\EFS\09682769\09682769B\PTO_MS.txt

Output Set: N:\CRF3\02042002\I682769B.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:88 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:113 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8